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SERIAL NUMBER	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/093, 794 07/19/93 MORRISON

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EXAMINER

B3M1/0204

CHAN, E

GARY A. WALPERT  
FISH & RICHARDSON  
225 FRANKLIN STREET  
BOSTON, MA 02110-2804

ART UNIT

PAPER NUMBER

2316

21

DATE MAILED:

02/04/94

This is a communication from the examiner in charge of your application.  
COMMISSIONER OF PATENTS AND TRADEMARKS

This application has been examined.  Responsive to communication filed on 7/19/93  This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), 0 days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

**Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:**

1.  Notice of References Cited by Examiner, PTO-892.
2.  Notice re Patent Drawing, PTO-948.
3.  Notice of Art Cited by Applicant, PTO-1449.
4.  Notice of Informal Patent Application, Form PTO-152.
5.  Information on How to Effect Drawing Changes, PTO-1474.
6.

**Part II SUMMARY OF ACTION**

1.  Claims 71, 72, 74 - 78, 80 - 84 are pending in the application.

Of the above, claims \_\_\_\_\_ are withdrawn from consideration.

2.  Claims \_\_\_\_\_ have been cancelled.

3.  Claims \_\_\_\_\_ are allowed.

4.  Claims 71, 72, 74 - 78, 80 - 84 are rejected.

5.  Claims \_\_\_\_\_ are objected to.

6.  Claims \_\_\_\_\_ are subject to restriction or election requirement.

7.  This application has been filed with informal drawings under 37 C.F.R. 1.65 which are acceptable for examination purposes.

8.  Formal drawings are required in response to this Office action.

9.  The corrected or substitute drawings have been received on \_\_\_\_\_. Under 37 C.F.R. 1.84 these drawings are  acceptable.  not acceptable (see explanation or Notice re Patent Drawing, PTO-948).

10.  The proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_ has (have) been  approved by the examiner.  disapproved by the examiner (see explanation).

11.  The proposed drawing correction, filed on \_\_\_\_\_, has been  approved.  disapproved (see explanation).

12.  Acknowledgment is made of the claim for priority under U.S.C. 119. The certified copy has  been received.  not been received  been filed in parent application, serial no. \_\_\_\_\_; filed on \_\_\_\_\_.

13.  Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

14.  Other \_\_\_\_\_

**EXAMINER'S ACTION**

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1. This action is in response to paper number 20 , Amendment F , which was received on 7/19/93. Claims 71,72,74-78,80-84 are pending. No amendment has been filed to amend the claims.
2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
3. Applicants are again requested in their response to amend the insertion before the first line of the specification by referring the instant application being a divisional case of the two issued patents.
4. Applicants are again advised that the twice amended claims 71,72,76, and 77 have not been entered because these claims have not been amended according to 37 CFR 1.121. The following rejections on claims 71,72,76 and 77 are directed to amended 71,72,76 and 77, filed 10/9/91. Moreover, applicants are also advised that there is no PTO-1449 enclosed with applicants' last amendment. It is requested that such PTO-1449 be resubmitted in applicants' next response.
5. Applicants are again requested to clarify the matters concerning the drawing changes and the substitute specification.

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6. Applicants are requested to amend the Brief Summary of Invention to focus more on the claimed invention. See 37 CFR 1.73 or MPEP 608.01(d).

7. Claims 71,72,74-78,80-84 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The reasons have been presented in the previous office action, date mailed 11/17/92, and are herein incorporated by this reference.

8. Claims 71-72,74-78,80-84 are rejected under 35 U.S.C. § 103 as being unpatentable over McDowell reference in view of Freiman et al. (3,343,135).

The reasons have been presented in the previous office actions, and are herein incorporated by this reference.

9. This is a continuation of applicant's earlier application S.N. 07/913,736. All claims are drawn to the same invention claimed in the earlier application and could have been finally rejected on the grounds or art of record in the next Office action if they had been entered in the earlier application. Accordingly, **THIS ACTION IS MADE FINAL** even though it is a first action in this case. See M.P.E.P. § 706.07(b). Applicant is

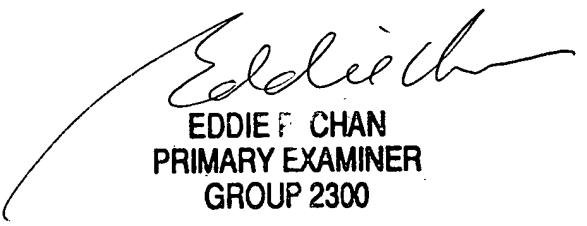
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reminded of the extension of time policy as set forth in 37  
C.F.R. § 1.136(a).

A SHORTENED STATUTORY PERIOD FOR RESPONSE TO THIS FINAL ACTION IS SET TO EXPIRE THREE MONTHS FROM THE DATE OF THIS ACTION. IN THE EVENT A FIRST RESPONSE IS FILED WITHIN TWO MONTHS OF THE MAILING DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION FEE PURSUANT TO 37 C.F.R. § 1.136(a) WILL BE CALCULATED FROM THE MAILING DATE OF THE ADVISORY ACTION. IN NO EVENT WILL THE STATUTORY PERIOD FOR RESPONSE EXPIRE LATER THAN SIX MONTHS FROM THE DATE OF THIS FINAL ACTION.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eddie Chan whose telephone number is (703) 305-9664.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

  
EDDIE F. CHAN  
PRIMARY EXAMINER  
GROUP 2300